

## **Notice of Section 401 Application Reception**

**File Number:** 302023-02

**Project Name:** Erez Chaim Dock Improvement

**Received:** 2/24/2023

**Date Posted:** 3/23/2023

**End of 21 Day Public Comment Period:** 4/13/2023

**Project City:** Newport Beach

**Project County:** Orange

**Applicant Organization:** Erez Chaim

**Applicant Name:** Erez Chaim

**Waterboard Staff:** TBA

### **Brief Description of Project:**

**Project Description:** Proposed work covers the installation of a 240-sf floating dock (3) 12" sq. concrete marina piles, 3' x 24' gangway & a 180 sf pier with (2) 14" t-pile. although there isn't a floating dock system currently, there once was and homeowner would like to restore the floating dock system.

**Project Activities:** We intend to install 240 SF floating dock, (3) 12• sq guide piles, 3' x 24' gangway & 180 SF pier with (2) 14' T-piles. All parts are manufactured off site. No work is done by land. On the first day of installation the pile driving barge arrives with the piles. Once positioned correctly for pile installation the spuds are dropped to secure the position. The small, motorized vessel arrives and a boom is installed around the site, encompassing the pile barge and the small vessel. A silt curtain is installed around the first pile. The jetting method is utilized while completing all pile installation and the silt curtain is used throughout the pile work process until all turbidity subsides at which point the silt curtain will be removed. For the installation of 5 new piles, we anticipate the work to be completed in 2-3 days. At the end of each pile activity and after all turbidity subsides, the silt curtain and boom are removed, and the pile barge is relocated to a predetermined location that will not affect navigation. Once all pile work is complete the new dock parts are then floated in for assembly. The new floating dock system is floated to the project site. The boom is reinstalled. The floating dock is placed around the pile. A small amount of framing is connected using pre-drilled holes and bolts. A catch bucket is used under each bolt connection during removal and installation as a precaution. The new gangway is then hung using the new gangway hinge. Once all parts are in place and secured the boom is removed once all turbidity has subsided. The small vessel returns to the public launch ramp and is towed back to our facility in Westminster. For the scope of work the major phases of this project should take (3)

days. If pile activity should take one additional day the barge will be moved for the evening to designated open waters near the Coronado Cays. The barge will return in the morning and a boom will be installed prior to an activity.